ECAMP
Early College Advanced Manufacturing Pathway

Colchester Public Schools Proposal

Proposal Overview

- Partnership Retainer-Non-disclosure partner agreement allows parties to share information, with the assurance of it remaining confidential between Goodwin University and Colchester Public Schools
- Professional Development to Colchester Public Schools staff to be able to teach Goodwin University Courses
    - Training provided by Goodwin University Professor with CNC Machining and Haas experience
- Curriculum Development
- Early College Advanced Manufacturing Course Articulation
- Community Connection

Partnership Retainer

- Formal Agreement to follow that allows parties to collaborate, share information, and curriculum.
- Stipulates that any materials, intellectual property or information shared remains confidential and cannot be shared.

Professional Development

- Two days of PD to include alignment alterations to equipment, CNC operations, quality, supply chain
    - Training held at Bacon Academy, hands-on focus
        - 2 Day training to support curriculum alignment
            - Geometric Dimensioning and Tolerancing
            - Blueprint reading
            - Introduction to Manufacturing
            - Manufacturing Math

Articulation

- Administration and Transcript Fee $150 per three-credit course, per student
    - Fee applies to Goodwin University Articulated Courses offered at Bacon Academy
        - BMM100: Introduction to Manufacturing
        - BMM 140: Principles in Manufacturing Math-Credit by exam offered to successful completion of BMM100
        - BMM 240: CAM I
- Student Tuition for courses at Goodwin University, $250 per three-credit course, per student
- Year 1

    - Run Articulated courses at Bacon Academy with interested students to receive dual credit
- Year 2
    - Successful students continue ECAMP pathway at Goodwin University
    - Commitment for 15 students to participate in cohort course

Community Impact

- Analysis of Schools, Business, Political, Civic and Community Resources and connections
- Development of mission, vision, strategic planning, and programs to benefit the entire community.

Year 2 Support

- Professional Development as needed
- Curriculum Support
- Program fidelity audit

Quote

- Partnership Retainer: $500
- Professional Development: $1,000/day, 2 days = $2,000
- Articulation: $150/student/course, 10 student minimum/semester = 20 st * $150= $3,000
- Community Impact Consultation: $5,000
- Year 2: Support $5,000
- Year 1: $10,500; Year 2: $5,000; Total: $15,500

ECAMP Certification offers:

- University 21 credit certificate program
- Focus on foundation skills to become a machinist
- Potential entry machinist employment opportunities and pre-apprenticeship opportunities at local manufacturing companies
- Automatic acceptance in the Goodwin University Manufacturing Program with 21 of the 37 credit requirements completed and may be carried over toward an AS in CNC Machining or into the BS in Manufacturing Management degree programs.

21 Credit CNC Machining Certificate		
Goodwin University Course	**Bacon Academy Course**	**Credits**
BMM 100 – Intro to Manufacturing	Manufacturing I & II	3
BMM 140 – Principles in Mfg Math	Credit by Exam	3
BMM 222 – Technical Drawing	Take at Goodwin University	3
BMM 175 – CNC Machining	Take at Goodwin University	3
BMM 240 – Computer Aided Man.	Engineering	3

BMM 224 – Metrology and Calibration	Take at Goodwin University	3
BMM 210 – Lean Manufacturing	Take at Goodwin University	3

Colchester Public Schools

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Name	Title	Signature

Goodwin University Magnet Educational Services

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Name	Title	Signature